CS98-106 [stamp: OIPE JC165 JUN 29 2004 PATENT & TRADEMARK OFFICE]

January 20, 2004

TO: Commissioner of Patents
P.O. Box 1435
Alexandria, VA 22313-1450

FROM: George O. Saile, Reg. No. 19,572
28 Davis Ave.
Poughkeepsie, N.Y. 12603

SUBJECT: Serial #: 09/817,473
File Date: 03/26/2001
Inventor: YI, XU ET AL.
Examiner: NGUYEN, THANH T.
Art Unit: 2813
Title: GAP FILLING PROCESS IN INTEGRATED
CIRCUITS USING LOW DIELECTRIC CONSTANT
MATERIALS

RESPONSE TO OFFICE ACTION

This is in response to the Office Action dated October 16, 2003, Paper No. 15. Please consider the following in regards to the above referenced application.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, P.O. Box 1435, Alexandria, VA 22313-1450 on January 30, 2004.

08/18/2004 DAVIS - 000000   Signature [signature]   Date: 1/30/04

01 FC:1251   110.00 DA   Stephen B. Ackerman, Reg. No. 37,761

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PATENT APPLICATION FEE DETERMINATION RECORD
Substitute for Form PTO-875

Application or Docket Number: 09/817473

CLAIMS AS FILED – PART I

FOR	NUMBER FILED (Column 1)	NUMBER EXTRA (Column 2)	SMALL ENTITY RATE	SMALL ENTITY FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
BASIC FEE (37 CFR 1.16(a))				$	OR		$ 710.00
TOTAL CLAIMS (37 CFR 1.16(c))	20 minus 20 =	*	X $___ =		OR	x $ 18.00	——
INDEPENDENT CLAIMS (37 CFR 1.16(b))	3 minus 3 =	*	X $___ =		OR	x $ 80.00	80.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+ $___ =		OR	+ $___ =	——
			TOTAL		OR	TOTAL	790.00

* If the difference in column 1 is less than zero, enter "0" in column 2.

CLAIMS AS AMENDED – PART II

Pre Amdt

AMENDMENT A — 3/26/01

	CLAIMS REMAINING AFTER AMENDMENT (Column 1)		HIGHEST NUMBER PREVIOUSLY PAID FOR (Column 2)	PRESENT EXTRA (Column 3)	SMALL ENTITY RATE	SMALL ENTITY ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDITIONAL FEE
Total (37 CFR 1.16(c))	* 20	Minus	** 20	= ——	X $___ =	——	OR	x $ 18.00	710.00
Independent (37 CFR 1.16(b))	* 3	Minus	*** 3	= ——	X $___ =	——	OR	x $ 80.00	——
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ $___ =	——	OR	+ $___ =	——
					TOTAL ADD'L FEE	——	OR	TOTAL ADD'L FEE	——

AMENDMENT B — 10/23/02

	CLAIMS REMAINING AFTER AMENDMENT (Column 1)		HIGHEST NUMBER PREVIOUSLY PAID FOR (Column 2)	PRESENT EXTRA (Column 3)	SMALL ENTITY RATE	SMALL ENTITY ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDITIONAL FEE
Total (37 CFR 1.16(c))	* 19	Minus	** 20	= ——	X $___ =		OR	X $___ =	
Independent (37 CFR 1.16(b))	* 3	Minus	*** 3	= ——	X $___ =		OR	X $___ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ $___ =		OR	+ $___ =	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

AMENDMENT C — 8/8/03 (A. NE)

	CLAIMS REMAINING AFTER AMENDMENT (Column 1)		HIGHEST NUMBER PREVIOUSLY PAID FOR (Column 2)	PRESENT EXTRA (Column 3)	SMALL ENTITY RATE	SMALL ENTITY ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY ADDITIONAL FEE
Total (37 CFR 1.16(c))	* 19	Minus	** 20	= ——	X $ 9.00	——	OR	x $ 18.00	——
Independent (37 CFR 1.16(b))	* 3	Minus	*** 3	= ——	X $ 42.00	——	OR	x $ 84.00	——
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ $___ =	——	OR	+ $___ =	——
					TOTAL ADD'L FEE	——	OR	TOTAL ADD'L FEE	——

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PTO/SB/06 (08-03)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD
Substitute for Form PTO-875

Application or Docket Number: 09/877473

CLAIMS AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE	FEE	OR	OTHER THAN SMALL ENTITY RATE	FEE
BASIC FEE (37 CFR 1.16(a))				$	OR		$
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	*	X $ =		OR	X $ =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+ $ =		OR	+ $ =	
			TOTAL		OR	TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2.

CLAIMS AS AMENDED – PART II

6/29/04

AMENDMENT A (D)

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE	ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	ADDITIONAL FEE
Total (37 CFR 1.16(c))	* 5	Minus ** 20	= —	X $ 9.00	—	OR	X $ 18.00	—
Independent (37 CFR 1.16(b))	* 1	Minus *** 3	= —	X $ 43.00	—	OR	X $ 86.00	—
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				+ $ 145	—	OR	+ $ 290.00	—
				TOTAL ADD'L FEE	—	OR	TOTAL ADD'L FEE	—

AMENDMENT B

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE	ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	ADDITIONAL FEE
Total (37 CFR 1.16(c))	*	Minus **	=	X $ =		OR	X $ =	
Independent (37 CFR 1.16(b))	*	Minus ***	=	X $ =		OR	X $ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				+ $ =		OR	+ $ =	
				TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

AMENDMENT C

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE	ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	ADDITIONAL FEE
Total (37 CFR 1.16(c))	*	Minus **	=	X $ =		OR	X $ =	
Independent (37 CFR 1.16(b))	*	Minus ***	=	X $ =		OR	X $ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				+ $ =		OR	+ $ =	
				TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.